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- (71) **Applicant:** LANDIS+GYR INNOVATIONS, INC.
[US/US]; 30000 Mill Creek Avenue, Suite 100, Alpharetta,
Georgia 30022 (US).
- (72) **Inventors:** HOLCOMBE, Michael Sean; 30000 Mill
Creek Avenue, Suite 100, Alpharetta, Georgia 30022 (US).
MATTHEWS, Justin Clifford; 241 O'Riordan Street,
Mascot, Sydney, New South Wales 2020 (AU).
- (74) **Agent:** HOLMES, Brenda Ozaki et al.; IP Docketing -
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Georgia 30309 (US).
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- (54) **Title:** TECHNIQUES TO REDUCE TRANSMISSION FAILURES IN TIME-SLOTTED CHANNEL HOPPING NETWORKS

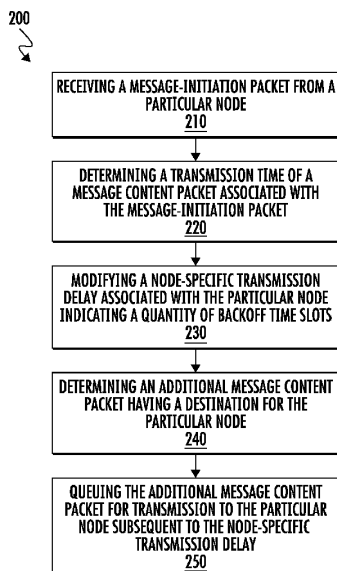


FIG. 2

(57) **Abstract:** A first node in a TSCH network may receive a message-initiation packet from a second node on the TSCH network. Based on information in the message-initiation packet, the first node may determine a transmission time for a message content packet that is associated with the message-initiation packet. The first node may generate or modify a node-specific transmission delay that indicates a backoff associated with the second node. The node-specific transmission delay may indicate a quantity of backoff time slots during which the first node delays initiating a transmission with the second node. If the first node receives, during the node-specific transmission delay, an additional packet intended for the second node, the first node may queue the additional packet until after the node-specific transmission delay is completed.



WO 2022/225988 A1